## We Claim:

- 1. An antenna system comprising:
  - at least one antenna element for sending and receiving a wireless signal;
- at least one conductive member, having an edge displaced from and substantially directed toward the at least one antenna element, and cooperating therewith to establish a hemispherical beam pattern.
- 2. The antenna system of claim 1 wherein the at least one antenna element comprises a pair of antenna elements, disposed respectively at opposite ends of the at least one conductive member, and cooperating therewith to establish a respective pair of hemispherical beam patterns.
- 3. The antenna system of claim 1 wherein the at least one antenna element comprises a plurality of antenna elements, disposed respectively along the periphery of the at least one conductive member, and cooperating therewith to establish a respective plurality of hemispherical beam patterns.
- 4. The antenna system of claim 3 wherein a first portion of antenna elements are adapted to operate over a first wireless frequency band, and wherein a second portion of antenna elements are adapted to operate over a second wireless frequency band.

- 5. The antenna system of claim 4 wherein the first and second wireless frequency bands are 2.4 GHz and 5 GHz wireless bands.
- 6. The antenna system of claim 1 wherein the at least one conductive member comprises a plurality of non-intersecting conductive members wherein each conductive member is associated with at least one antenna element.
- 7. The antenna system of claim 6 wherein the plurality of conductive members comprise first and second conductive members, located at a substantially perpendicular angle.
- 8. The antenna system of claim 7 wherein each conductive member is associated with a pair of antenna elements, disposed at respective opposite ends of the respective conductive member.
- 9. The antenna system of claim 8 wherein the pair of antenna elements associated with the first conductive member are adapted to operate in a first wireless frequency band and the pair of antenna elements associated with the second conductive member are adapted to operate in a second wireless frequency band.

10.	The antenna system of claim 9 wherein the first and second wireless frequency
hands are 2.4	GHz and 5 GHz wireless bands.

- 11. The antenna system of claim 1 wherein the at least one conductive member comprises a single planar element, substantially coplanar with the at least one antenna element.
- 12. The antenna system of claim 1 wherein the at least one conductive member comprises a plurality of planar elements, substantially coplanar with the at least one antenna element.
- 13. The antenna system of claim 1 wherein the at least one conductive member comprises a substantially angled member.
- 14. The antenna system of claim 13 wherein the substantially contoured member is an angled member having a vertex edge substantially directed toward the at least one antenna element.

- 15. The antenna system of claim 1 further comprising a sandwich module for providing a further level of antenna isolation.
- 16. The antenna system of claim 15 wherein the sandwich module comprises metal plates that substantially face the at least one conductive member at a perpendicular angle.
- 17. The antenna system of claim 15 where the sandwich module comprises a separation material having RF isolating properties, for providing a further level of antenna isolation.
- 18. The antenna system of claim 1 wherein the at least one antenna element is a dipole antenna and the at least one conductive member is at least one discrete component.
- 19. The antenna system of claim 1 wherein the at least one antenna element and at least one conductive member are formed on a single piece of circuit board material.
- 20. The antenna system of claim 1 wherein the antenna element is shorter that the respective edge of the conductive member.
  - 21. A wireless device comprising:

a radio transceiver comprising a plurality of radio components for processing a wireless signal;

at least one antenna element for sending and receiving a wireless signal;

at least one conductive member, having an edge displaced from and substantially directed toward the at least one antenna element, and cooperating therewith to establish a hemispherical beam pattern for the wireless signal.

- 22. The wireless device of claim 21 wherein the at least one antenna element comprises a pair of antenna elements, disposed respectively at opposite ends of the at least one conductive member, and cooperating therewith to establish a respective pair of hemispherical beam patterns.
- 23. The wireless device of claim 21 wherein the at least one antenna element comprises a plurality of antenna elements, disposed respectively along the periphery of the at least one conductive member, and cooperating therewith to establish a respective plurality of hemispherical beam patterns.
- 24. The wireless device of claim 21 wherein a first portion of antenna elements are adapted to operate over a first wireless frequency band, and wherein a second portion of antenna elements are adapted to operate over a second wireless frequency band.

- 25. The wireless device of claim 24 wherein the first and second wireless frequency bands are 2.4 GHz and 5 GHz wireless bands.
- 26. The wireless device of claim 21 wherein the at least one conductive member comprises a plurality of non-intersecting conductive members wherein each conductive member is associated with at least one antenna element.
- 27. The wireless device of claim 26 wherein the plurality of conductive members comprise first and second conductive members, located at a substantially perpendicular angle.
- 28. The wireless device of claim 27 wherein each conductive member is associated with a pair of antenna elements, disposed at respective opposite ends of the respective conductive member.
- 29. The wireless device of claim 28 wherein the pair antenna elements associated with the first conductive member are adapted to operate on a first wireless frequency band and the pair of antenna elements associated with the second conductive member are adapted to operate on a second wireless frequency band.

- 30. The wireless device of claim 29 wherein the first and second wireless frequency bands are 2.4 GHz and 5 GHz wireless bands.
- 31. The wireless device of claim 21 wherein the at least one conductive member comprises a single planar element, substantially coplanar with the at least one antenna element.
- 32. The wireless device of claim 21 wherein the at least one conductive member comprises a plurality of planar elements, substantially coplanar with the at least one antenna element.
- 33. The wireless device of claim 21 wherein the at least one conductive member comprises a substantially angled member.
- 34. The wireless device of claim 33 wherein the substantially contoured member is an angled member having a vertex edge substantially directed toward the at least one antenna element.

- 33. The wireless device of claim 21 further comprising a sandwich module for providing a further level of antenna isolation.
- 34. The wireless device of claim 33 wherein the sandwich module comprises metal plates that substantially face the at least one conductive member at a perpendicular angle.
- 35. The wireless device of claim 33 where the sandwich module comprises a separation material having RF isolating properties, for providing a further level of antenna isolation.
- 36. The wireless device of claim 21 wherein the at least one antenna element is a dipole antenna and the at least one conductive member is at least one discrete component.
- 37. The wireless device of claim 21 wherein the at least one antenna element and the at least one conductive member are formed on a single piece of circuit board material.
- 38. The wireless device of claim 21 wherein the antenna element is shorter that the respective edge of the conductive member.